



1644

**PATENT****Attorney Docket No.** 350013-66#24/E  
GND  
11/8/02**CERTIFICATE OF MAILING**

I hereby certify that on October 29, 2002, this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the U.S. Patent and Trademark Office, BOX SEQUENCE, P.O. Box 2327, Arlington, VA 22202

37 CFR 1.8(a)

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**SUBMISSION OF SEQUENCE LISTING, COMPUTER READABLE COPY  
AND/OR AMENDMENT PERTAINING THERETO FOR BIOTECHNOLOGY  
INVENTION CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE  
(37 CFR §§ 1.821-1.825)**

Dear Ms. DeCloux:

Responsive to the Notice to Comply, mailed October 10, 2002, Applicant enclose herewith a copy of the SEQUENCE LISTING in computer readable (ASCII) form and as an MS Word document. A paper copy of the SEQUENCE LISTING in compliance with 37 CFR §§ 1.821-1.825 for the nucleotide and amino acid sequences disclosed in the above-referenced application is also submitted herewith.

**STATEMENT THAT COMPUTER READABLE COPY OF  
THE SUBSTITUTE SEQUENCE LISTING IS THE SAME AS THE  
PAPER COPY OF THE SUBSTITUTE SEQUENCE LISTING**

I hereby state:

1. The computer readable (ASCII) form and the MS Word document of the SUBSTITUTE SEQUENCE LISTING submitted in this application is the same as the paper copy of the SUBSTITUTE SEQUENCE LISTING to which it is indicated to relate.

2. All papers accompanying this submission introduce no new matter to the accompanying application.

VERIFICATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of the Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

The Commissioner is hereby authorized to charge any additional filing fees under 37 C.F.R. § 1.16, or application processing fees under 37 C.F.R. § 1.17, which may be required now or during the pendency of this application, or credit any overpayment to Account No. 16-2230.

Respectfully submitted,

  
\_\_\_\_\_  
Guy Porter Smith, Reg. No. 20,142  
**OPPENHEIMER WOLFF & DONNELLY LLP**  
2029 Century Park East, Suite 3800  
Los Angeles, California 90067  
(310) 788-5000

Dated: October 22, 2002

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):



1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
7. Other:

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**Applicant Must Provide:**

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- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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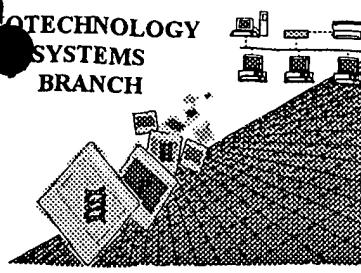
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*1600*

**CRF Problem Report**



TECHNOLOGY  
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1644

The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 09/424,091B  
Filing Date: 2/23/2000  
Date Processed by STIC: 7/29/2002

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STIC Contact: Mark Spencer, 703-308-4212

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 Sequence Listing was embedded in the file. According to Sequence Rules,  
submitted file should only be the Sequence Listing.  
 Did not contain a Sequence Listing. (see attached sample)  
 Other:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

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Revised 01/29/2002